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Sequence Listing was accepted.
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Reviewer: markspencer
Timestamp: [year=2008; month=6; day=13; hr=15; min=25; sec=24; ms=341;]
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Validated By CRFValidator v 1.0.3

Application No: 10576818 Version No: 2.0

Input Set:

Output Set:

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Finished: 2008-05-19 15:00:46.811
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 606 ms
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Total Errors: 0
No. of SeqIDs Defined: 6
Actual SeqID Count: 6

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SEQUENCE LISTING

<110> INSTITUT CURIE
CNRS
MNHN
INSERM

<120> NUCLEIC ACID USEFUL FOR TRIGGERING TUMOR CELL LETHALITY

<130> 3665-177

<140> 10576818
<141> 2008-05-19

<160> 6

<170> PatentIn version 3.3

<210> 1
<211> 32
<212> DNA
<213> artificial sequence

<220>
<223> DRIL32, DRIL32po-PEG, DRIL32-PEG, DRIL32ss, DLIR32-T4, DRIL32-2xPEG, DRIL32-NH2, DRIL32-FITC, DRIL32-Cy3, DRIL32-Bt

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32 : double stranded DNA with the three last nucleotides at the 5' and 3' ends of both strands with phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32ss : single stranded DNA with the three last nucleotides at the 5' and 3' ends with phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-T4 : stem (1)..(32), a loop at (32) is a four thymines linker, the first three nucleotides at 5' end of the + strand and the last three nucleotides at 3' end of the - strand with phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32po-PEG : stem (1)..(32) and a loop at (32) is hexaethyleneglycol linker

<220>
<221> misc_feature

<222> (1)..(32)
<223> DRIL32-PEG : stem (1)..(32), a loop at (32) is hexaethyleneglycol linker, the first three nucleotides at 5' end of + strand and the last three nucleotides at 3' end of the - strand with phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-2xPEG : stem (1)..(32), two loops at (1) and (32) are hexaethyleneglycol linkers

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-NH2 : ds DNA with the first three nucleotides at 5' end of the + strand and the last three nucleotides at 3' end of the - strand with phosphorothioate backbone, and a NH2 group at the 3'end of the + strand and at the 5' end of the - strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-FITC: stem (1)..(32), a loop at (32) is hexaethyleneglycol linker, the first 3 nucleotides at 5'end of + strand and the last 3 nucleotides at 3'end of the - strand with phosphorothioate backbone, FITC bound to nt (32) of the + strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-Cy3: stem (1)..(32), a loop at (32) is hexaethyleneglycol linker, the first 3 nucleotides at 5' end of + strand and the last 3 nucleotides at 3' end of the - strand with phosphorothioate backbone, cy3 bound to nt (32) of the + strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-Bt: stem (1)..(32), a loop at (32) is hexaethyleneglycol linker, the first 3 nucleotides at 5' end of + strand and the last 3 nucleotides at 3' end of the - strand with phosphorothioate backbone, Biot bound to nt (32) of the + strand

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<220>
<221> misc_feature
<222> (1)..(24)
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<212> DNA
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acgcacgg 8

<210> 5
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<212> DNA

<213> artificial sequence

<220>
<223> DRIL32s33-PEG

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<221> misc_feature
<222> (1)..(32)
<223> stem (1)..(32), a loop at (32) is
hexaethyleneglycol linker, the first 3 nt at 5'end of + strand
and the last 3 ntat 3'end of - strand with phosphorothioate
backbone, the last nt at the 3'end of - strand with 3'-3'linkage

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gctaggcttg tttgctgggt tgtaggcaca gc 32

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<212> DNA
<213> artificial sequence

<220>
<223> DRIL64 and DRIL64-PEG

<220>
<221> misc_feature
<222> (1)..(64)
<223> DRIL64: double stranded DNA with the three last nucleotides at
the 5' and 3' ends of both strands with phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(64)
<223> DRIL64-PEG: double stranded DNA with the three last nucleotides at
the 5' and 3' ends of both strands with phosphorothioate
backbone, and an hexaethyleneglycol linker introduced between
nucleotides (32) and (33) of both strands

<400> 6
acgcacgggt gttgggtcgt ttgttcggat ctacgcacgg tcgtttgttc ggtgttggcg 60

atct 64